

HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS)

JAN 15 1966

1. PRODUCT NAME, NUMBER, SYM: Oakite 90
2. MANUFACTURER'S NAME: Oakite Products, Inc.
3. MANUFACTURER'S ADDRESS: 50 Valley Road, Berkeley Heights, N. J. 07922
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Breakage: Transfer into another container.
Leakage: Neutralize with acid material to PH between 6-8 and flush away.
5. TRANSPORTATION AND STORAGE REQUIREMENTS: Freight Classification: Cleaning Compound NOIBN Powder
Storage: Keep drum sealed when not in use to avoid caking.
6. FIRST AID TREATMENT:
- A. SKIN CONTACT: Flush with plenty of water - If not severe, apply burn ointment.
- B. EYE CONTACT: Flush with copious amounts of water for at least 15 minutes.
Get prompt medical attention.
- C. INHALATION: Ventilation.
- D. ANTIDOTE IN CASE OF SWALLOWING: Do not induce vomiting - Treat for caustic soda.
7. PHYSIOLOGICAL PROPERTIES:
- A. ACUTE ORAL TOXICITY: Toxic
- B. LOCAL EFFECTS UPON EYES: Burns
- C. LOCAL EFFECTS UPON SKIN: Burns
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): 1000 ppm+ at use concentrations - Moderate
- E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Avoid contact with.
- F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): 1000 ppm Estimated
8. CHEMICAL AND PHYSICAL PROPERTIES:
- A. SPECIFIC GRAVITY (WATER = 1) 10.4 lbs./gal.
- B. VAPOR DENSITY (AIR = 1) N/A
- C. VAPOR PRESSURE mm Hg AT 25°C. N/A
- D. pH 13.0 - 13.4
- E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS:
Designed for reverse current electro cleaning for steel & pure copper.
Attacks aluminum, tin and zinc.

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? _____

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
Sodium Hydroxide	+50%
Sodium Carbonate	-10%
Sodium Meta Silicate	-30%
Sodium Pyro Phosphate	-10%
Nonionic Surfactants	-2%

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? NO

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Add to room temperature water. Do not add to hot solutions.

10. RECOMMENDED PROTECTIVE EQUIPMENT: Rubber gloves and garment; safety goggles.

11. A. FLASHPOINT °F: CLOSED CUP None; OPEN CUP _____; IF F.P. CHANGES DURING EVAPORATION GIVE DATA: _____

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER N/A # UPPER _____

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES Yes # NO _____

D. FIRE POINT °F None; AUTO IGNITION TEMPERATURE °F _____

E. VAPOR DENSITY Unknown

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? Glycols

G. SUITABLE EXTINGUISHING AGENTS: N/A

12. INFORMATION FURNISHED BY: P. J. Kornett

TITLE: Technical Education Director

COMPANY: Oakite Products, Inc.

ADDRESS: 50 Valley Road, Berkeley Heights, N. J. 07922

DATE: December 9, 1970

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE TREATED AS CONFIDENTIAL AND USED FOR THE PURPOSE OF PROTECTING THE HEALTH AND SAFETY OF MCDONNELL DOUGLAS CORP. EMPLOYEES AND THE SAFEGUARDING OF ITS PROPERTY. IT WILL ALSO BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.